Thank you for purchasing our product. Please read this User's Manual before using the product. Change without Notice

4 Channel Digital Video Recorder

User's Manual



CE F©

Safety Precautions





The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of insulated dangerous Voltage within the product's enclosure that may be sufficient magnitude to constitute risk of electrical shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE UNITS NOT SPECIFICALLY DESIGNED FOR



Attention: installation should be performed by qualified service Personnel only in accordance with the National Electrical Code or applicable local codes.



Power Disconnect. Units with or without ON-OFF switches have power supplied to the unit whenever the power cord is inserted into the power source; however, the unit is operational only when the ON-OFF switch is the ON position. The power cord is the main power disconnect for all unites.

Warranty and Service

There are no serviceable parts for this unit, call for your agent for details.

About this document

Before installing stand alone DVR, be sure to thoroughly review and follow the instructions in this Users Manual. Pay particular attention to the parts that are marked **NOTICE**.

Also, when connecting with external application, first turn the power OFF and follow manual instruction for appropriate installation.

Before reading this document

- 1. This document is intended for both the administrator and users of stand alone DVR Model.
- 2. This manual contains information for configuring, managing and using stand alone DVR Model.
- 3. To prevent fire or electrical shock, do not expose the product to heat or moisture
- 4. Be sure to read this manual before using stand alone DVR Model.
- 5. For questions and technical assistance of this product, contact your local dealer.
 - Strong recommendation on installation of the DVR unit
- Check electricity at the place you want to install the DVR unit is stable and meets our electricity requirements. Unstable electricity will cause malfunction of the unit or give critical damage to the unit.
- 2. Several chips on the main board of the DVR unit and hard disk drive inside the unit generate heat, and it must be properly discharged. Do not put any objects just beside exhaust port(fan) on the left side of the unit and do not close up an opening (fresh air in-take) on the right side of the unit..
- 3. Put the DVR unit at well-ventilated place and do not put heat-generating objects on the unit. When it is installed inside 19 inch mounting rack together with other devices, please check built-in ventilation fan of the rack is properly running.

FCC Statement:

WARNING

This device complies with Part 15 FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference. (2) This device must accept any interference received including interference that may cause undesired operation."

* Federal Communications Commission (FCC) Statement

WARNING

This Equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- * You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.



1.		: Quad screen mode button
2.	CHANNEL 1	: Channel 1 full screen button
3.	CHANNEL 2	: Channel 2 full screen button
4.	CHANNEL 3	: Channel 3 full screen button
5.	CHANNEL 4	: Channel 4 full screen button
6.	LOCK	: Press this button to Key Lock function
7.	AUDIO	: Audio on or off button
8.	AUTO	: Auto sequence mode
9.	BACKUP	: Image backup button
10.	UP / STOP	: Direction button UP / Playback stop button /
11.	DOWN / PAUSE	: Direction button down / Playback pause $igvee/$ $igvee$ (Step play)
12.	REW	: Reverse playback choose button / play speed ┥ / ┥
13.	FF	: Forward playback choose button / play speed 🕨 / 🕨
14.	ENTER	: Enter button or value change
15.	MENU BUTTON	: Press this button to display the menu setup
16.	ESC	: Press this button to exit menu
17.	T-SRH	: Press this button to playback time search
18.	PLAY BUTTON	: Press this button to playback
19.	+ BUTTON	: Increase + values change.
20.	REC BUTTON	: Press this button to start recording image
21.	- BUTTON	: Reduce - values change
22.	USB 2.0	: Pan Driver slot

*User needs to plug in USB again if ActiveX loaded; image backup or version updated.

REAR PANEL • ۲ CAMI CAMIS CAMIS CAMIT AUDIO ON LAN MONITOR MOUSE 1234567889802+- DC12V VGA anaonaonaona 0 0 Ó 70 CAM2 CAM4 CAM6 CAM8 ALARNI RELAT RS485 DC12 Power code in 12V/5A, power switcher (ON / OFF) 0 CAM1 CAM3 CAM5 CAM7 Camera 1 ~ 4 input BNC type O Ô C \bigcirc (CAM6 MONITOR Monitor out VGA out (optional) 0



Audio channel input x 1 and output x 1

12345678DM00 00000000000 RELAY RS485 ALARM

Alarm / Relay / RS 485 connector



RJ-45 (Network connector)

MOUSE

PS 2 type mouse connector

DVR Initialing

or detect a new hard disk



Keypad lock * 111111 is the default password

Mouse Control



 Screen display 	1. Double-click of the left button on desired camera
	to full channel
	2. Double-click of the left button on desired camera
	to quad screen
 Menu display 	1. One-click of the right button to menu OSD
	2. Back to last OSD page
None	No function
 Select 	1. One-click on the item of OSD
	2. One-click on the value of item
	3. One-click on the Exit to quit and save menu
	4. From right-up to left-below and the set motion
	detect area



	Men	U .	
	Camera Set		
	Record Set		
	Alarm Detection Motion Detection		
	Screen		
	Audio Set		
a +3	System Set		
	Search	- 34.8	
	Language Exit	English	
	EXIL		
	(NOVE (ENT) SEL	ECT (MENU)EXIT	

Operate:

MENU BUTTON	: Press MENU button to enter menu setup or exit
ESC BUTTON	: Press ESC button to exit menu
ENTER BUTTON	: Press Enter button to confirm set or value change
DIRECTION BUTTO	N : MENU item select
+ BUTTON	: Increase + values change
- BUTTON	: Reduce - values change
BACKUP	: To backup mode

($_$) MOVE (ENT) SELECT (MENU) EXIT

Remote controller (Optional):

The key on the remote controller function control is same as DVR keypad. Only a few keys are no avail.



Main MENU – Camera Set

-	<u>س</u> ۱۴	07/06/05 18:5	50:25	•	1%	07/0	6/05 18:5	1:21
	Menu		1		Cam	era Set		
100	Camera Set		and the second	Ch	anne)		1)	
	Record Set Alarm Detection Motion Detection		1.7572	ті	splay tle ightness		On CH1	
	Screen Audio Set System Set		*	Co Hu	ntrast	R =		
	Search Language Exit	English						
	(▲♥)MOVE (ENT)SELE	T (MENU)EXIT		4	MOVE (ENT)	SELECT (ME	NU)EXIT	
							1	

Right adjustment of each element will increase picture quarterly displayed. We recommend you to adjust each element of cameras and monitor to be connected to the DVR unit.

Main MENU - Camera Set - Title

Camera title setup function allows 5 characters for each channel.

1%	07/06/05 18:52:40	•=	1%	07/06/05 18	:55:33
Camera S			Title	<u>u</u>	
Channel Display Title	1 On CH1)	and the second	Title		
arightness Contrast				() <u>+</u> + +	
Saturation				L : Shift	1477 A
		E. W. A.			
(ENT)SELEC	T (MENU)EXIT	(AT)	MOVE (ENT)SELEC	T (MENU)EXIT	
	1 - 11	1		1	

Select Shift to next page and then Enter to confirm camera title.



Main Menu – Record Set

Record Set – Schedule Record Framerate



Schedule Record Framerate Channel-1 () 12 Channel-2 12 Channel-3 12 Channel-4 12 TOTAL USED FRAME = 48(50) (+-)+-(A) MOVE (ENT)SELECT (MENU)EXIT

Record Set – Motion Record Framerate

Record Set – Alarm Record Framerate



Record Set - Record Quality: High / Normal / Low

Record Set - Event Rec Duration: 5 / 10 / 15 / 20 / 25 / 30

Record Set – Auto Record: After 1 ~ 8 minutes, auto start to record if no operation.

Record Set - Data Retention Set: 1 ~ 15 days

Record Set – Schedule Record



Notice:

- 1. Each channel has own frame rate adjustment of each recording mode.
- 2. In 24 hours, user can adjust each channel frame rate of different record mode. Such as schedule, motion detection, and alarm record more.
- 3. Press button to change different of record modes.

Schedule record mode



Motion record mode



Alarm record mode



Schedule, motion, and alarm record mode



Record Time Table: 80GB HD

Record Quality: Low. Half D1 Average: 5 KB;

REC FPS	60	30	15	10
REC Hour	72	148	296	444

Record Quality: Normal. Half D1 Average 10 KB;

REC FPS	60	30	15	10
REC Hour	36	74	148	222

Record Quality: High. Half D1 Average 20 KB;

REC FPS	60	30	15	10
REC Hour	18	37	74	111

Actual recording time is base on live environment. This table is only for reference.

20 K x 30 (frame rate) x 60 (mins) x 60 (secs) = 2160000 K = 2160 M / hr 2160 M / hr x 24 = 51840000 K = 51840 M = 51.84 G / (1 Day)

Main Menu – Alarm Detection



Alarm Signal type depends on Alarm Sensor polarity define on NO (N/Open) or NC (N/Close) mode. Alarm POP UP: Event channel jumps to full screen when alarm triggered. Quad screen with the alarm symbol if more than two cameras triggered.



Relay: NO + COM or NC + COM

Alarm Signal type depends on Alarm Sensor polarity define on NO (N/Open) or NC (N/Close) mode.

NO + COM: Normally, motion relay is NO + COM connector.

Relay action:







Relay: NC (Normal Close)

Relay: NO (Normal open)

Alarm trigger



Main Menu – Motion Detection



Main Menu – Motion Detection – Motion Area



Main Menu – Motion Detection – Motion area selection

Direction button Left or Right + ENTER to cancel detection area.

Select start (right-up corner) point and end (left-below corner) point of detect area.



One-click of the mouse left button to cancel detect area.

Select start (right-up corner) point and end (left-below corner) point of detect area.

Main Menu - Screen - Border: Quad border On / Off display



Main Menu - Screen - Video Adjustment: Video screen position movement





Main Menu – Screen – VGA Frequency and VGA



After adjusted, press ENTER to see if it has change the dialogue resolution, press ENTER to

change, press ESC to cancel. If user does not make any change, the mode will change back to last status after 15 seconds.

DVR needs to reboot if 1280x1024 resolution adjusted.

Main Menu – Audio Set

-10	37%	07/06/06 10:	41:00]	-10	37%	07/06/06 10:	43:14
P+3	Audio Audio Record Mute Input Volume Ouput Volume	Set On Off		6+3 0	Audio Audio Record Mute Input Volume Ouput Volume	0 Set 0 ff 	
	(▲ [™])MOVE (ENT)SEL	ECT (MENU)EXIT			(▲^V)move (ent)se i	LECT (MENU)EXIT	

- If microphone, audio line in or any how, user please set the audio record mode to on and also adjust volume input or output to right sound effects.
- Mute means live audio is turn on or quiet.

Main	Menu – System	Set – Hard Disk	Main	Menu – System	Set – Format	HDD
t∰ 60+3	37%	07/06/06 10:44:16 ¹ 549	11 6)+3	= 1%	07/06/06 10: E+3	49:19 ⁾
	System Hard Disk Setup Password Change Time Set OWELL TIME SETUP Network	Set		Hard Dis Overwite Enable Format HDD TOTAL: 76032MB USED: 4MB	Yes	
	RS-485 Pan/Tilt Device F/W Upgrade BUZZER SETUP Load Active-X Con (A ^T)MOVE (ENT)SEL			DISKO: 76032MB S YOU MUST STO (AT)MOVE (ENT)SEU	T380215A PP RECORDING	

Main Menu – System Set – Format HDD

Main Menu – System Set – Hard Disk Setup – Format HDD – Password

Password	Contraction of the second	Circles I	Password	7
111111 12 3 4 5 6 7 8 9 0 - = •	a la carta	12	Now Formatting Please Wait	- Le se
qwertyuiop[] asdfghjkl;Shift			asdfghjkl; shif	
z x c v b n m , . / Enter			zxcvbnm,./Ente	<u> </u>

HDD was formatted successful.



- Before hard disk format, user needs to put the right password. The password is same as unlock which is default 111111.
- Please set HDD to Master if only one installed. Second one to Slave.
- Hard Disk Master and Slave jumper pin must right, otherwise it makes DVR work fault.



Main Menu – System Set – Security Protection - Password Change

Menu Protection:

On / Off. User needs to login password before enter to menu.

Auto Key Lock:

After 1 \sim 60 seconds system automatically key lock which means before operate DVR user needs to unlock.

Main Menu – System Set – Time Set



Select time zone and auto time synchronization with NTP server. Network is required on NTP server. NTP server does not work under network DHCP mode. After time set or daylight mode turns to on, user needs to Apply and confirm. $0 \sim 9$ is repeatable with increase + button, And decrease - button is opposite.



Main Menu – System Set – Dwell Time Setup (Channel auto sequence)

Main Menu – System Set – Network Settings

Network Settings – Local IP



Network Settings – Local IP – STATIC

Select static IP address / Gateway / Net Mask

Network Settings	 Local 	IP – DHCP
------------------	---------------------------	-----------

Auto IP detected under IP sharing or router

111 63+3	⁹⁰ 0%	07/06/06 11:	39:49 ⁾	■ [©] 0%	07/06/06 12:	:08:05)
	Loc	al IP	1000		I IP	
	ІР Туре	(STATIC)	ale and	ІР Туре	[DHCP]	
	IP Address Gateway	192.168.192.150 192.168.192.254	Starran 2	IP Address Gateway	0. 0. 0. 0	
-	Net Mask	255.255.255. 0	Contraction of the	Net Mask	0. 0. 0. 0	
	(₄ ^ψ)move (ent)s	ELECT (MENU)EXIT		(_A ♥)Move (ent)se	LECT (MENU)EXIT	
					e.	

Main Menu – System Set – Network – PPPOE



Main Menu - System Set - Network - PPPOE ID



Main Menu - System Set - Network - PPPOE - Password



Input PPPoE account and password. And then save & exit menu. After a while, back to network set again, user would see IP appears.

IP would not correctly appear on screen if any firewall or router authority management.

 17%
 07/06/06 22:15:23

 Local IP

 IP Address
 220.138.37.248

 Gateway
 0.00.00

 Net Mask
 0.00.00

 PPPOE ID
 88943345@hinet.net

 PPPOE PASSKORD 2gjuiuuu.....
 (...)MOVE (ENT)SELECT (MENU)EXIT

User type the IP to Net viewer or IE browser to view image via network.

Main Menu – System Set – Network – D/DNS set



Ex: Enter in <u>www.dyndns.com</u> to apply a free account and host name.

Click Create Account to make a new ID name.



Fill in all the personal information, password, email requested; please go to user's email account to active your new account. Return to DynDNS website; click Account to long in page.

💋 DynDNS Account Login - Mic 檔案(E) 編輯(E) 檢親(V) 我	www.thintermetExplorer 治品愛(A) 工具(I) 説明(H)		_ e ×
	◎ (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	e 🛛 - 🗏 🛯 🔿 🛊 🔿 🤤	
網址D) 🕘 https://www.dyndns.com			• @移至
🛞 Dyn D		User: SERVERCV1000 Passi Lost Password? - Create Ar	Login
	About Services	Account Support News	
My Account	Login		
Create Account			
Login	Account Login Username:	cv1000 Password: 123456	
Lost Password?		123450	
Search DynDNS	You must ha	ave cookies enabled to access your account. (<u>Why Cookies?</u>)	
Search			
	Copyright @ 1999-2006 Dynamic Network Servic	ces, Inc Privacy Policy - Acceptable Use Policy - Trademark Notices	
(2) 完成			<u></u>

Type your applied Username and Password

Logged In page



Click Add Host Services:

D Chitps://www.dyndns.co	~						• @
🎯 Dyn [DNS						User: SERVERCV1000 Cart - Settings - Log Out
	About	Services	Account	Support	News		
	F	Prevent your hosts fro	om expiring. Conside	er an <u>Account Upgrad</u>	<u>e</u> .		
1y Account	Account Le	vel Servic	es				
My Services							
Account Upgrades	F	Paid Account (?)		No	Technical Suppo	et	
MailHop Outbound Recursive DNS	Acc	ount Upgrades (?)		No	View - Add		
SLA	Mai	Hop Outbound (?)		None	View - Add		
Premier Support					Add Recursive D		
My Zones Add Zone Services		ecursive DNS (?)		None			
My Hosts	DNS Serv	vice Level Agreemer	nt (<u>?</u>)	None	Add DNS Service	e Level Agreement	
Add Host Services Renew Services	Premie	er Support Option ((2)	None Available	Add Premier Sup	oport Cases	
Auto Renew Settings							
Sync Expirations	Zone Level	Services					Add Zone Services
Account Settings		1000 C 1000 C 1000					
Billing	No zone level service iter	ms registered: <u>Add Zo</u>	one Services				
My Cart	Host Level	Services					Add Host Services
items							
	Host		DNS Service	WebHop	Network M	onitoring	SSL Cert
Search DynDNS	servercv1000.dyndns.or	9	Static DNS				

Click "Add Host Service"

Add static DNS Host:

Select Static DNS: add Static DNS Host



Type a Hostname user decided.



Ex: Create a new df6020 host name, after add a new host name; DynDNS page shows a confirm message page.





Enable :	YES
DNS Server:	From ISP
DDNS Serve	r: DynDNS.
HOST Name	Insert host name
User Name:	Insert DynDNS username
Password:	Insert DynDNS password

On IE browser blank bar, type df6020.dyndns.org; and then user can get on line. DNS address is required. (Please ask local ISP). DNS only works under DDNS mode. Network stream speed depends on the locality bandwidth. Advice user apply network speed Upload 512K / Download 512K or more, to avoid image data too big influence the remote quality.

R5-4	35	and the second s	RS-485	
Baudrate	115200	Baudra		9600
Data Bit	8	Data B		8
Parity Bit	None	Parity		None
Stop Bit	÷	Stop B		1
(₄ [♥])MOVE (ENT)SEL	ECT (MENU)EXIT	(∡ ₹)Mov	E (ENT)SELECT	(MENU)EXIT

Main Menu - System Set - RS-485

Main Menu – System Set – Pan/Tilt Device



Control: Keypad, mouse

* Mouse control: press ESC to PTZ mode, press AUTO button, and then once-click left button of mouse to control PTZ movement.

Press quad button + number $1 \sim 4$ button to set presets, press AUDIO + $1 \sim 4$ to call preset. Press AUTO to start auto presets, AUTO again to cancel.

Main Menu - System Set - F/W Upgrade

Stop all hard disk working before update, select F/W upgrade and then press ENTER to search firmware.



Press PLAY to start version update.



DVR auto reboot after version update.



Main Menu - System Set - BUZZER SETUP



Main Menu – System Set – Load Active-X Control

Stop all hard disk working before load Active-X control



 Before DVR IE connection, please download the ActiveX to DVR hard disk from CD-ROM, and then you can view DVR image via internet any PC. Steps: CD disk \rightarrow ActiveX \rightarrow USB pan drive \rightarrow DVR (with hard disk) USB \rightarrow Menu - System Set – Load Active-X Control \rightarrow ENTER button

2. Also install ActiveX to your personal computer. Net viewer is packaged with ActiveX.exe.



Main Menu - Search - Event List



Main Menu – Search – Time Search

Press ENTER to select data and time. Direction left and right button to move value item.

ENTER or + / - button to change value.



Main Menu – Search – Time Search: After data and time select, go to Search and then press ENTER to start playback.



Playing



Forward speed: x 2 / x 3 / x 4 (Direction right button) Reverse speed: x 8 / x 16 / x 32 (Direction left button)

Press STOP to search list, press ESC to live mode.

Backup mode: Before backup, USB pan driver is required.

Mode 1: On live mode, press backup button to file backup page.



DVR is reading pan driver

•11	a 36%	07/06/15 18:1	0:01	•=	8 36%	07/06/15 18:14	0:13.
	Backup	TO USB	7.		Backup	To USB	τ.
СН1	Start 2007, End 2007, Disk Available Copy Size File Name	06/15 08:00:01 06/15 08:01:36 85312 KB 06151810.VVF	•	C81		06/15 08:00:01 06/15 08:01:36 466868 KB 85312 KB 06151810.VVF	•
СНЗ	Writing To USB Time To Remain		•	СНЗ	Writing To USB Time To Remain	5 MINS	•
	READING U	B DISK			PRESS (BACK	JP) ТО СОРУ	
1 .3			9				9

After a while, all backup information display on screen, user now can press backup button to start file backup.

Data is writing to USB pan drive, users please wait until backup complete. Press menu button to quit USB page.



Mode 2: Press play button to start playback, the playback beginning time is the last one hour record. Press + and – to select backup time. User only can increase seconds in this backup way. Press backup button to USB page which is same as mode 1.





6207/06/15 19:31:40 07/06/15 20:10:00 0.28 20000 2007/06/15 19:31:20 2007/06/15 19:31:31 Start Size 4544 KB Start 2007/06/15 20:10:15 End Please Select Time start 2007/06/15 20:06:56 CH1 U 2007/06/15 20:06:59 End 0.14 6.00 0.00 Apply (MOVE (ENT)SELECT (MENU)EXIT 32

mode 3.

Here, user only can adjust End date and time, after the back way is same as mode 1.

Mode 4: On event list, choose an event record data, and then press backup button.

Pages go to USB page, after data size appears, press backup button to the page which is same as mode 1





-10	10%	07/06/15 22:	28:45
	Backu	p To USB	
2		7/06/15 19:47:04 7/06/15 19:47:24 6912 KB 06152228,VVF	
	Writing To USB Time To Remain		-
	READING	USB DISK	

•10		07/06/15 22:3	28:53
	Backup	TO USB	
2	Start 2007 End 2007 Disk Available Copy Size File Name	/06/15 19:47:24	
	Writing To USB Time To Remain	27 SECS	2
	PRESS (BACK	UP) TO COPY	
			- - -
			-

Main Menu – Language – English or Chinese



Main Menu – Exit



User needs to save changes if any function value has changed. And then exit menu.

Net viewer



3 4 5 6

Viewer function:

- 1. Backup file player
- 2. Network viewer
- 3. Connection

DVR control via viewer:*

4. DVR screen: Quad, Camera 1 ~ 4 full screen / Key lock / Channel auto sequence.

Audio ON : stream speed - not good. OFF : stream speed - good

- 5. DVR function: MENU / ESC / Play / REC / T-SRH / values change / + values change
- 6. DVR direction button: Up (Item select, Play Stop) / Down (Item select, Play Pause)

Left (Item select, Play Reverse) / Right (Item select, Play Forward)

SEL (ENTER): Item confirm/select, values change)

7. DVR menu pop-up

8. Audio volume (PC site)

*Viewer control panel button is same as DVR keypad.

*Viewer and DVR display is synchronously.

*PTZ control is supported on viewer and control way is same as DVR keypad.

*PTZ control and movement speed depends on network streaming.

Viewer configures:



Player	Switch to backup file play mode
Netviewer	Switch to DVR network viewer
Disconnect	Network log out and connect canceled
Dvr Control	DVR function control
Audio	Audio volume adjust (PC site)
Local Recording	Viewing image record
Always On Top	Player or viewer always on top even other data folders open
Full Screen	Viewer change to full screen
Maximize	Full screen display
Aspect Ratio	Resolution 640 x 448 / 640 x 544 adjust
Options	Viewer function setup
	Always on Top: Player or viewer always on top even other data folders open
	Auto Reconnection: Reconnection if non artificial network disconnect.
	Path for local recording: Please select a path of your PC.
About Viewer	Viewer version
Exit	Close viewer

File Player:



Click browser to open file which you saved



Player button

Open \ Fast Backward \ Play Reverse \ Previous Frame \ Pause \ Next Frame \ Play Fast Forward \ Still Capture

- 1. DVR USB or net viewer backup file (*.VVF)only read in player
- 2. Local recording file only read in player, except transfer to AVI.
- 3. Backup file includes video and audio

Player Configure:



Player	Switch to backup file play mode
Netviewer	Switch to DVR network viewer
Open File	Open the backup file which saved in any path
Open Disk	Open the DVR hard disk which is installed to PC IDE slot
Export	Backup file to AVI files transform (Video + Audio). See AVI page
Close	Player Button control disable
Show time	Show the backup beginning time
Always on Top	Player always on top even other data folders opened
Playback	Play back mode and speed select. Same as Player button
Audio	Audio volume adjust (PC site)
Full screen	Player screen to full size
Maximize	Player to full of screen
Aspect Ratio	Player resolution adjust
Options	See Next page

About viewer	Version of viewer
Exit	Player and viewer exit

Options

C:\Docu	ments and Settings\MAXCHEN\My Documents\我的視訊\20070615-153204.VVF	
Player	P Viewer	
CH1 2007/06	0715 15:32:10 07.05.01 07.05.01 07.05.01	×[59)
@ ≙≋	_ General	L4
1. A.	Always on top (A)	
	☑ Show time ①	
	On screen display date/time format	100
CH1	%Y/%m/%d %H:%M:%S ▼ 2007/06/15 16:42:54	
СНЗ		
色企业	Path for still capture	
A SHA	C:\Capture Browse	
a au		Sector Sec.
		1 36525-2
C C CAR	OK Cancel	
PLAY 5	x 1.0 2007/06/15 15:32:10	
		111

Always on top: Player always on top even other data folders opened

Show time: Show the PC time of when user start recording backup file



 On Screen display date/time (Show time) format: Please select the date format you want.

 %Y/%m/%d %H:%M:%S:
 2007/06/15 15:32:29

 %y/%m/%d %H:%M:%S:
 07/06/15 15:32:29

 %Y/%m/%d %p %I:%M:%S:
 2007/06/15 PM 03:32:29

%y/%m/%d %p %I:%M:%S:	07/06/15 PM 03:32:29
%b %d %H:%M:%S %Y:	JUN 15 15:32:29 2007
%b %d %p %l:%M:%S %Y:	JUN 15 PM 03:32:29 2007

VVF file export to AVI

Export To AYI			
☑ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7	if the image include	es audio.	
Audio wywg((1982) ≠ 376 (5) 2007/08/17 21/24/20 ki5	Input File	Browse the ttings\maxchen\点面\Max\2007	e file source Browse
File preview	Output File	Browse a path fo tings\maxchen\桌面\Max\2007	or file output Browse
20 Bound by	Compression	Select a compres	
	Microsoft MPEG-4 Vide	o Codec v2	Select
Progress			1%
Percentage of the export AVI pro	gress	0K	Cancel

Users please wait until file export completed.

PTZ Control mode

NetWork Viewer v1.21	PTZ Control		
Player Viewer	Pan / Tile	09 15:08:36	Channel / Direction
	Zoom / Menu / Enter		Near / Far, Call OSD, Menu confirm
	Channel C1 C2 C3 C4 Preset		Select camera channel
s connected حتاجتاحا مع هم هو هو هو	Close		Set presets

Zoom -- / + : Lens, Near / Far Menu: Call PTZ OSD Enter: OSD value confirm

Channel: Select PTZ channel

Preset: Preset setup Select preset 1 ~ 4, and then click SET to save. Click CALL to run preset. Click AUTO to start all presets. Click STOP to terminate. CLEAR, delete preset 1 ~ 4

IE browser:



IE control button is same as DVR keypad.

- Before DVR IE connection, please download the ActiveX to DVR hard disk from CD-ROM, and then you can view DVR image via internet any PC.
 Steps: CD disk → ActiveX →USB pan drive → DVR (with hard disk) USB → Menu - System Set – Load Active-X Control → ENTER button
- 2. Also install ActiveX to your personal computer. Net viewer is packaged with ActiveX.exe.

Specification

Model	4 CH DVR
Input	4 CH Inputs 1.0Vp-p, 75ohm unbalanced (BNC Type)
Output	Main monitor composite (BNC type) x 1
Horizontal Resolution	640x448 (NTSC) / 640x544 (PAL)
S/N Ratio	More than 40dB
Color	6.7 Million
Monitoring Method	
Channel Display	Single / Quad channel
Sequence Display	Available
Scroop Quality	640(H)x 448(V) Active Pixels(NTSC);
Screen Quality	640(H) x 544(V) Active Pixels (PAL)
Display Rate	120 fps (NTSC) / 100 fps (PAL)
Recording/ Play Func	tion
Recording (Max) NTSC	C Max 60 fps(NTSC); Max 50 fps(PAL)
Recording Resolution	640x224(NTSC); 640x272(PAL)
Record Quality	High, Normal, Low
Compressed Picture	Storage: MJPEG, network / internet: MPEG4
Recording Control	Auto / manual / schedule / motion / alarm
Playback Mode	Time list / event list / Date & Time search
Other Function	
Operation Mode	Record / Play / Network
Motion Detect	16 x16 grids camera for all channel
Alarm	Alarm in x 4 / Relay out x 1
Back-Up	USB 1.1/2.0 memory and network remote backup
Storage	HDD x2
Audio Input	RCA x 1
Audio Output	RCA x 1
HDD Record Mode	Full stop / overwrite
Remote Backup	Through client application
PTZ Control	PELCO-D, PELCO-P, MERIT LI-LIN
Key Lock	Yes
Dwell Time	Programmable with adjustable dwell time. 0 \sim 999 seconds

Real Time clock (RTC)Support NTP (Network Time Protocol)Remote ControlSupport PHILIPS RC5, NEC

Network Function

Ethernet	10 /100 Base-T
Web interface	Support licensed software AP
Network Connection	TCP/IP, PPPoE, DHCP, DDNS
Client Application	Display / playback / PTZ / DVR control
Power Supply	DC 12V / 5A
Weight	N.W./G.W. 3.06kg/3.68kg
Dimension	426(W) x 328.5(D) x 65(H) mm
Operating Temperature	41 °F~104 °F (5 °C~+40 °C)
Operating Humidity	Less than 90%